

Title: GENERATION OF XENOGENIC IBODIES

Appl. No.: 08/923,138

EXPR

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NO. EI125455694US

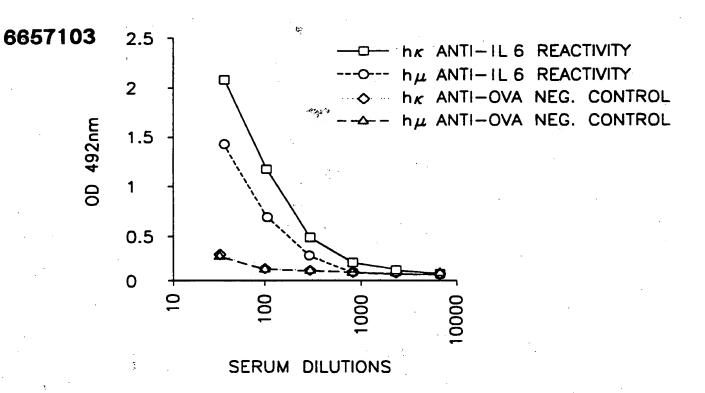


FIG. I

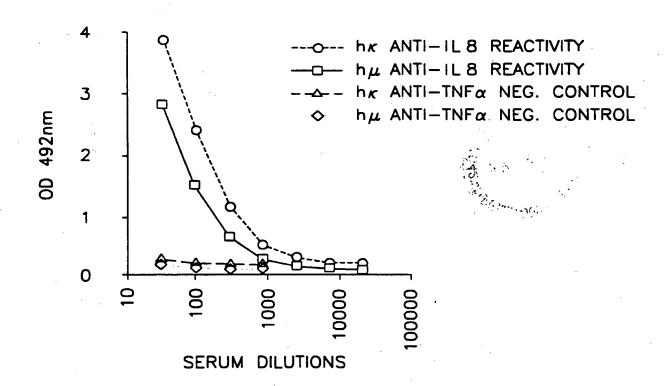
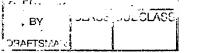


FIG. 2





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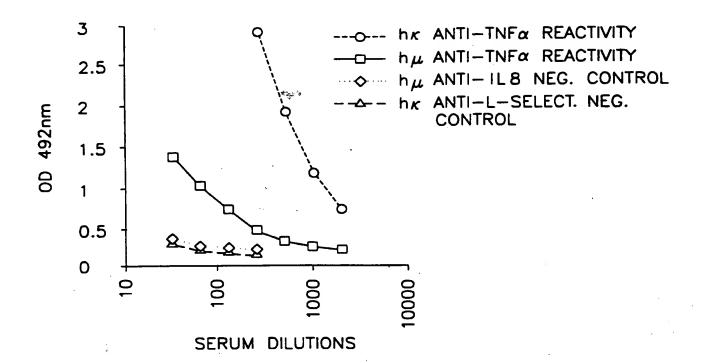


FIG. 3

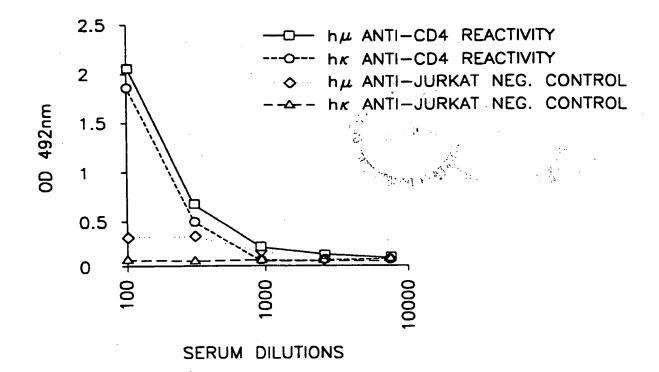


FIG. 4

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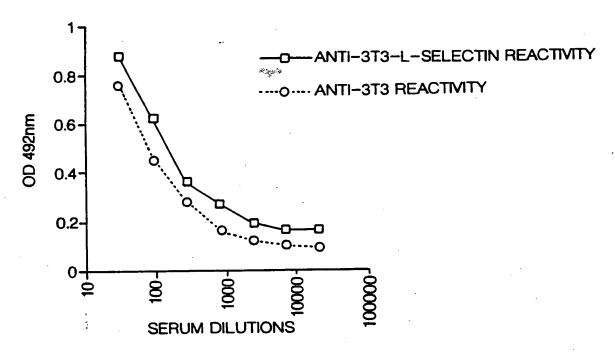


FIG. 5

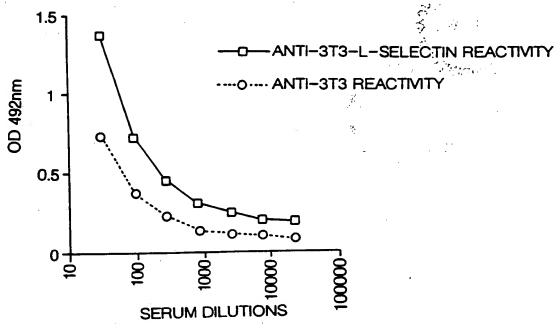
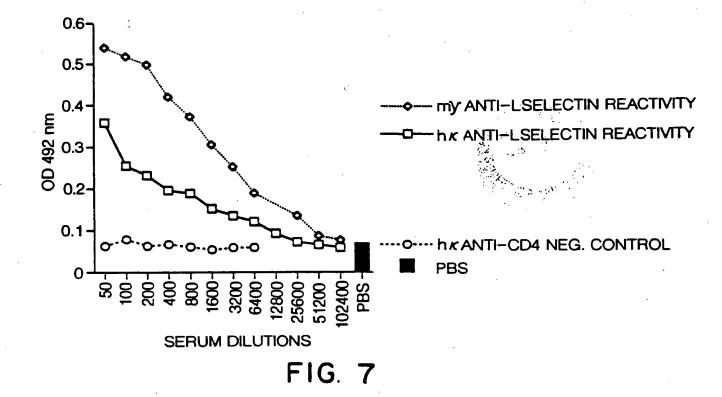
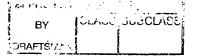


FIG. 6

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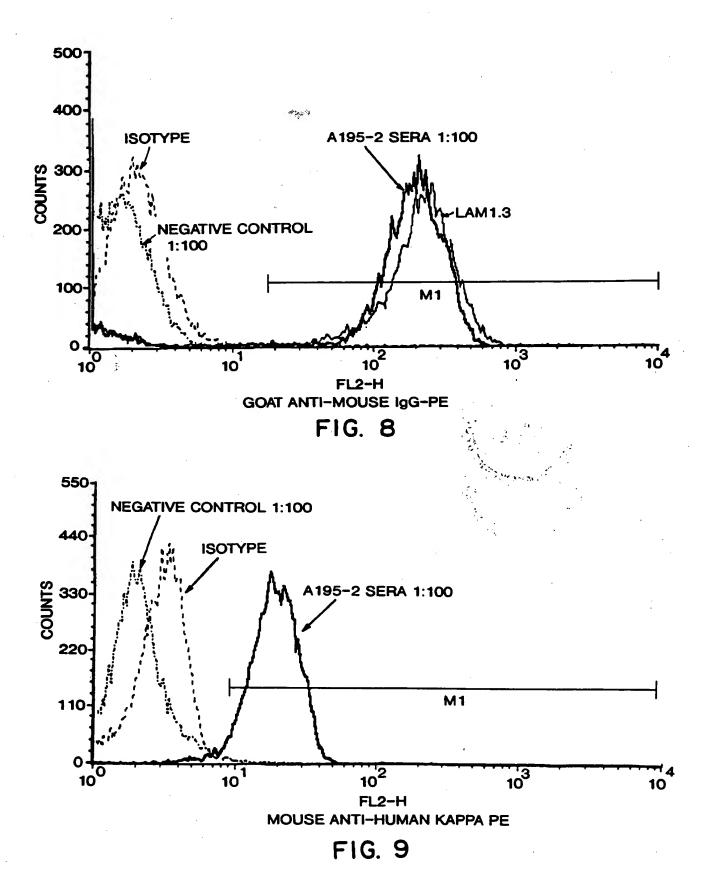
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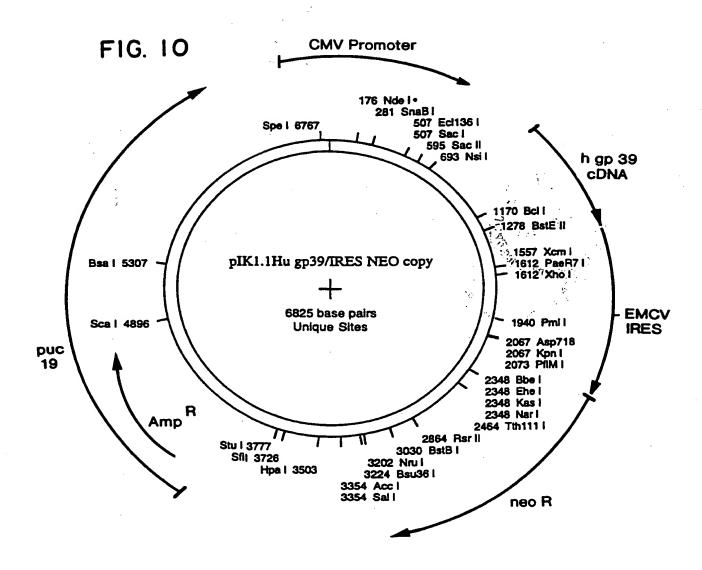


BY DRAFTSMAN Title: GENERATION OF XENOGENIC TIBODIES

licants: Kucherlapati, et al.

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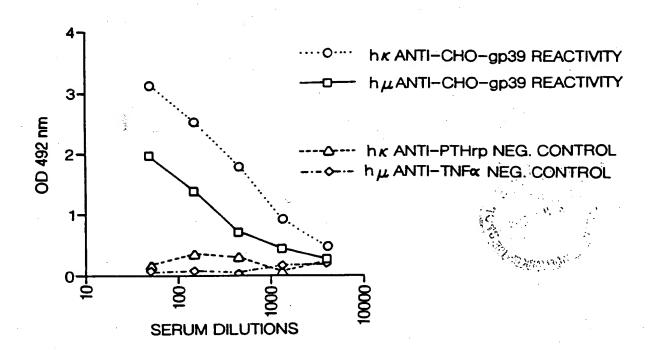
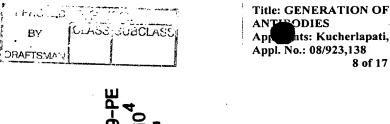
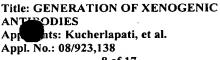
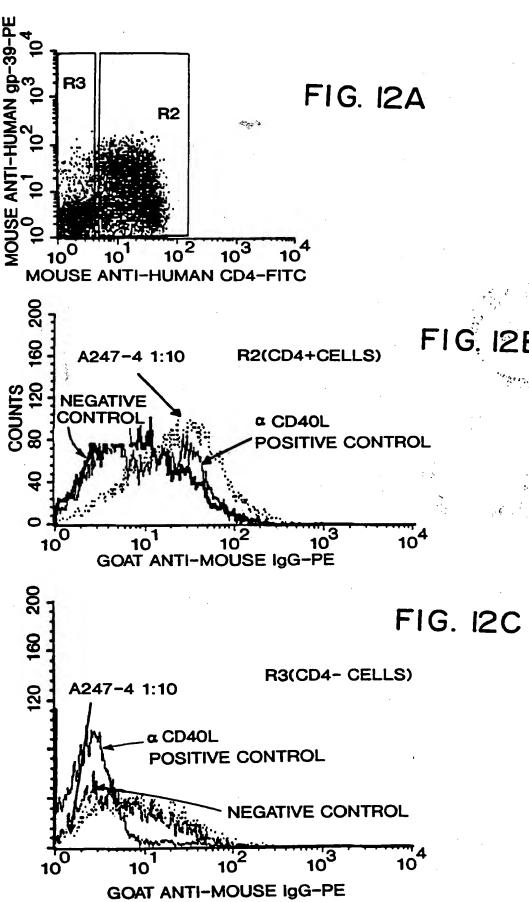


FIG. 11

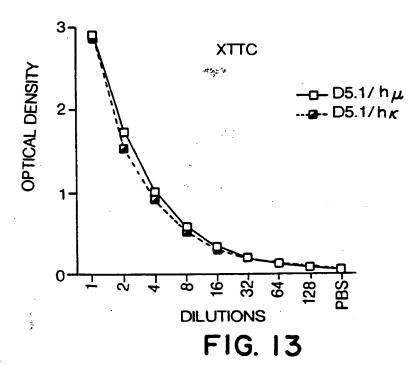


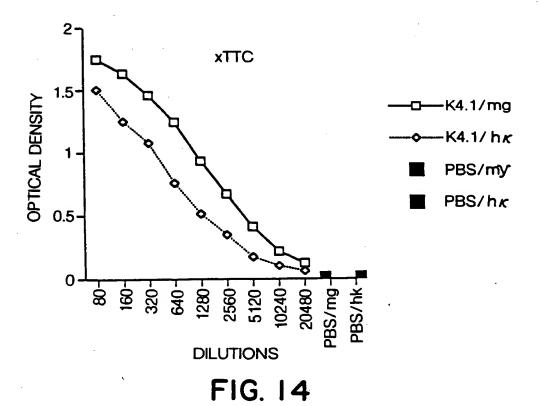




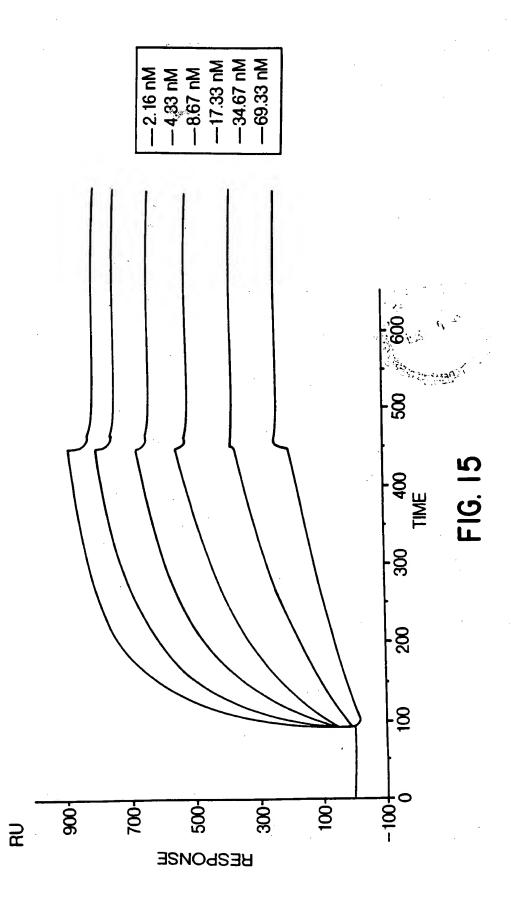
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	200	100	150	200	250	259 300 22 21
CDR1	AGACCCTCTC ACTCACCTGT GCCATCTCCG GGGACAGTGT CTCTAGCAAC AGACCCTCTC ACTCACCTGT GCCATCTCCG GGGACAGTGT CTCTAGCGAC	CAGGCAGTCC CCATCGAGAGCAGGCAGGCAGTCCATCGAGAGGCAGTCC CCATCGAGAGGCAGGCAGGCAGGCAGGAGGAGGCAGGCAG	GCTGGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGTAT GCTGGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGT ACTGGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGT ACTGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGGT ACTGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGGT ACTGGAAGG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGGT ACTGGAAGTG ACATACTACA GGTCCAAGTG GTATAATGAT TATGCAGAGTG ACATACTACA GGTCCAAGTG ACATACTACA GATAATGAT TATGCAGAGTG ACATACTACA GATAATACA GATACTACA GATAATACA GATACTACA GATAATACA GATACTACA GATAATACA GATACTACA GA	CTGTGAAAAG TCGAATIJACC ATCAACCCAG ACACATCCAA GAACCAGTTC CTGTGAAAAG TCGGATIJACC ATCAACCCAG ACACATCCAA GAACCAGTTC	TCCCTGCAGC TGAACTCTGT GACTCCCGAG GACACGGCTG TGTATTACTG	TACAAGAGAT ATAGCAGCAG CTGGTACCCT CTTTGACTAC TGGGGCCAGG TACAAGAGAT ATAGCAGCAG CTGGTAC
	Germline VH6 Hybridoma K4.1.G Germline JH4 Germline D(N1)	Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)	Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)	Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)	Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)	Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)

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259 350 45 21		259 400 21		259 414 45	21
ATCTGTCTAT		TGACCCTGGG			
CGACACCCC	m γ1	AACTCCATGG			
CACCGTCTCC TCAGCCCAAA CGACACCCCC ATCTGTCTAT	-	CCACTGGCCC CTGGATCTGC TGCCCAAACT AACTCCATGG TGACCCTGGG	m y 1		
CACCGTCTCC		CTGGATCTGC		A666	A
GAACCCTGGT GAACCCTGGT	JH4	CCACTGGCCC		ATGCCTGTCA	m y 1
Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)		Germline VH6 Hybridoma K4.1.6 Germline JH4 Germline D(N1)		Germline VH6 Hybridoma K4.1.6 Germline JH4	Germline D(N1)

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22		100	150	191 200 6	197 250 38	197 300 38	197 350 38	
TAAGCTGCT TAAACTGCT		CGATTCAGTG CGATTCAGTG	CCTGCAGGCT	TTCCGCTCAC	GCTGCACCAT	GGATACTGC	GCCAAAGTAC	
GGACAGCCTC CTAAGCTGCT	B3	GGTCCCTGAC GGTCCCTGAC B3	CCATCAGCAG CCATCAGCAG B3	TATTATAGTC TATTATAGTC	ACGAACTGTG G	AGTTGAAATC, TGGATACTGC	TCCCAGAGG	
CTTGGTACCA GCAGAAACCA		GGGAATCCGG GGGAATCCGG	TTCACTCTCA	CTGTCAGCAA	IGGAGATCAA IGGAGATCAA	TCTGATGAGC hk	ATAACTTCTA	
CTTGGTACCA	CDR2	GCATCTACCC GGGAATCCGG GCATCTACCC GGGAATCCGG	TGGGACAGAT TGGGACAGAT	CAGTITATTA	GGGACCAAGG GGGACCAAGG	CTTCCCGCCA	16CCT6CT6A	
CDR1	No land	CATTIACTGG CATTIACTGG	GCAGCGGGTC GCAGCGGGTC	GAAGATGTGG GAAGATGTGG	TTTC66C66A TTTC66C66A	CTGTCTTCAT	CTCTGTTGT6	ı∢ı₹ž
Germline B3	-	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 Germline JK4	Germline B3 Hybridoma K4.1 GErmline JK4

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CTCTAGCMAC CTCTAGCGAC 50	GCCTTGAGTG 100 GCCTTGAGTG 100	TATGCAGTAT 150	GAACCAGTTC 200
666ACAGTGT	CCATCGAGAG	GTATAATGAT	ACACATCCAA ACACATCCAA
ACTCACCTGT GCCATCTCCG	CTGGAT CAGGCAGT	ACATACTACA GGTCCAAGTG ACATACTACA GGTCCAAGTG	TCGAATAACC ATCAACCCAG
AGACCCTCTC ACT	16616611	TGGGAAGG	CTGTGAAAAG TCG
Germline VH6 Hybridoma D5.1.4 Germline JH4 Germline D(N1)			

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FIG. 18B

	*		
250 250	259 300 20 15	259 350 43 15	259 400 43 15 77
TCCCTGCAGC TGAACTCTGT GACTCCCGAG GACACGGCTG TGTATTACTG TCCCTGCAGC TGAACTCTGT GACTCCCGAG GACACGGCTG TGTATTACTG	TGCAAGAGAT ATAGCAGTGG CTGGCGTCCT CTTTGACTGC TGGGGCCAGG TGCAAGAGAT ATAGCAGCAG CTGGCGTCCT CTTTGACTAC TGGGGCCAAG WH6 JM4	GAACCCTGGT CACCGTCTCC TCAGGGAGTG CATCCGCCCC AACCCTTTTC GAACCCTGGT CACCGTCTCC TCA	CCCTCGTCT CCTGTGAGAA TTCCCCGTCG GATACGAGCA GCGTGGCCGT CCCCTCGTCT CCTGTGAGAA TTCCCCGTCG GATACGAGCA GCGTGGCCGT
oridoma D5.1.4 TCCC miline JH4 miline D(N1)	rmline VH6 oridoma D5.1.4 rmline JH4 rmline K(N1)	rmline VH6 GAA(miline JH4 GAA(miline JH4 GAA(miline D(NI) ————————————————————————————————————	rmline VH6 oridoma D5.1.4 rmline JH4 rmline D(N1)
Ger	666 7 66	666 4 56	959999 96999999999999999999999999999999

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Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	GACATCGTGA TGACCCAGTC TCCAGACTCC CTGGCTGTGT CTCTGGGCGA	SACCCAGTC	TCCAGACTCC	CTGGCTGTGT	CTCT666C6A
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	GAGGGCCACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTA TACAGGTCCAACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTG TACAGGTCCAACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTG TACAGGTTCCAACC ATCAACTGCA AGTCCAGCCA GAGTGTTTTG TACAGGTTCCA	CAACTGCA	AGTCCAGCCA AGTCCAGCCA	6AGTGTTTTA GAGTGTTTTG	TACAGOTCCA TACAOTITCCA
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	ACAATAAGAA CTACTTAGCT TGGTACCAGC AGAAACCAGG ACAGCCTCCT GCAATAAGAA CTACTTAGCT TGGTACCAGC AGAAACCAGG ACAGCCTCCT	ACTTAGCT	TGGTACCAGC TGGTACCAGC	AGAAACCAGG AGAAACCAGG	ACAGCCTCCT ACAGCCTCCT
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	AAGCTGCTCA TTTACTGGGC ATCTACCCGG GAATCCGGGG TCCCTGACCG AAACTACTCA TTTACTGGGC ATCTACCCGG GAATCCGGGG TCCCTGACCG AAAACTACTACTACTACCCGG GAATCCGGGG TCCTGACCG AAAACTACTACTACTACTACCCGG GAATCCGGGG TCCTTGACCGGGG TCCTTGACCGGGG TCCTTGACTACTACTACTACTACTACTACTACTACTACTACTACTA	TACTGGGC TACTGGGC	ATCTACCCGG ATCTACCCGG	GAATCCGGGG GAATCCGGGG	TCCCTGACCG
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	ATTCAGTGGC AGCGGGTCTG GGACAGATTT CACTCTCACC ATCAGCAGCC ATTCAGTGGC AGCGGGTCTG GGACAGATTT CACTCTCACC ATCAGCAGCCC ATCAGCAGCCC ATCAGCAGCCC ATCAGCAGCAGCCC ATCAGCAGCAGCCCAGCC	3CGGGTCTG 3CGGGTCTG	66ACAGATTT 66ACAGATTT 	CACTCTCACC	ATCAGCAGCC ATCCGCAGCC

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Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	TGCAGGCTGA AGATGTGGCA GTTTATTACT GTCAGCAATA TTATAGTAGTAGTAGTAGTAGTAGTAGTAGTAGTAGTAGT	
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	CCATTCAATT TCGGCCTGG GACCAGAGTG GATATCAAAC GAACTGTGGCATTCACTT TCGGCCCTGG GACCAAAGTG GATATCAAACATTCACTT TCGGCCCTGG GACCAAAGTG GATATCAAACCATTCACTT TCGGCCCTGG GACCAAAGTG GATATCAAACTG TCGGCCCTGGG GACCAAAGTG GATATCAAACTG GAACTGTG GATATCAAACTG GAACTGTG GATATCAAACTG GAACTGTG GA	12 12 1
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	TGCACCATCT GTCTTCATCT TCCCGCCATC TGATGAGCAG TTGAAATCTG TGCACCATCT GTCTTCATCT TCCCGCCATC TGATGAGCAG TTGAAATCTG	! <u>9</u>
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	GAACTGCCTC TGTTGTGTGC CTGCTGAATA ACTTCTATCC CAGAGAGGCC GAACTGCCTC TGTTGTGTGC CTGCTGAATA ACTTCTATCC CAGAGAGGCC CK	12124
Germline B3 Hybridoma D5.1.4 Germline JK3 Germline CK	AAAGTACAGT GGAAGGTGGA TAACGCCCTC CAATCGGGTT GGGGAAAA	